



1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as $\pm$ (%rdg + numbers of digits) at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, <75%HR

DC VOLTAGE

Range	Resolution	Accuracy	Overload protection
200.0mV	0.1mV	$\pm(0.8\%\text{rdg}+1\text{dgt})$	600VDC/ACrms
2.000V	0.001V		
20.00V	0.01V		
200.0V	0.1V		
600V	1V	$\pm(1.0\%\text{rdg}+2\text{dgt})$	

Input impedance: $10\text{M}\Omega$

AC VOLTAGE

AC VOLTAGE			
Range	Resolution	Accuracy (45 ÷ 400Hz)	Overload protection
200.0mV	0.1mV	Not specified	600VDC/ACrms
2.000V	0.001V	±(1.5%rdg+3dgts)	
20.00V	0.01V		
200.0V	0.1V		
600V	1V		

Input impedance: $10\text{M}\Omega$

RESISTANCE

Range	Resolution	Accuracy	Open voltage	Overload protection
200.0Ω	0.1Ω	±(1.0%rdg+8dgts)	about 3.0V	600VDC/Acrms (< 30sec)
2.000kΩ	0.001kΩ	±(1.0%rdg+3dgts)		
20.00kΩ	0.01kΩ			
200.0kΩ	0.1kΩ			
2.000MΩ	0.001MΩ			
20.00MΩ	0.01MΩ	±(3.0%rdg+3dgts)		

DIODE TEST

Range	Resolution	Open voltage	Overload protection
	1mV	circa 1.5VDC	600VACrms (< 30sec)

Overload protection: 600Vrms

TEST CONTINUITY

Range	Buzzer	Open voltage	Overload protection
	$R < 120\Omega$	about 1.5VDC	600VACrms (< 30sec)

TEMPERATURE WITH TYPE K PROBE

Range	Resolution	Accuracy	Overload protection
$-40^{\circ}\text{C} \div 1^{\circ}\text{C}$	1°C	$\pm 5^{\circ}\text{C}$	600VACrms (< 30sec)
$0^{\circ}\text{C} \div 800^{\circ}\text{C}$		$\pm(2.0\%\text{rdg}+3\text{dgt})$	
$-40^{\circ}\text{F} \div 31^{\circ}\text{F}$	1°F	$\pm 9^{\circ}\text{C}$	
$32^{\circ}\text{F} \div 1382^{\circ}\text{F}$		$\pm(2.0\%\text{rdg}+5\text{dgt})$	



2. GENERAL SPECIFICATIONS

Display:

- LCD display, 3 ½ digit with maximum reading 1999 counts with sign and decimal point
- Automatic polarity indication
- Backlight
- "OL" over range indication

Features:

- MAX
- HOLD
- RANGE for manual selection
- Auto Power OFF after 15 minutes of don't work

Low battery indication:

- The symbol "" appears when the battery voltage is low

Operating temperature:

- -5°C to 40°C, <80%HR

Storage temperature:

- -10°C to 60°C, <70%HR

General informations:

- Altitude max: 2000m
- Pollution degree: 2
- Insulation: double insulation

Power supply:

- 2 x 1.5V alkaline batteries type AAA MN2400 LR03 AM4

Sizes:

- 163(L)x88(W)x48(H) mm

Weight (included batteries):

- 280g

Applied standards:

- LVD: EN 61010-1 CAT IV 600V – CAT III 1000V
- EMC: EN60326

This product conforms to the prescriptions of the European directive on low voltage 2006/95/EEC and to EMC directive 2004/108/EEC